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	PATEN	NT APPLICA	TION F	EE DETERN for Form PTO-8	I NOITANIN	RECORD		Applicati / O	s a valid OMB con on or Docket Nun	IDEI _
APPLICATION AS FILED - PART I (Column 1) (Column					nn 2)	SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
	FOR	NUMBER	FILED	NUMBER	EXTRA	RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
SASIC	FEE R 1.16(a), (b), or (c))									
SEARCH FEE 37 CFR 1.16(k), (i), or (m))								1 1		
	(NATION FEE. R 1.16(0), (p), or (q))								
TOTAL CLAIMS (37 CFR 1.16(i))			minus 20 :			х =		OR	x =	
NDEPENDENT CLAIMS (37 CFR 1.16(h))		•	minus 3 = *			.x =]	x =	
FEE (37 C	ICATION SIZE	sheets of p is \$250 (\$ additional 35 U.S.C.	paper, the 125 for sn 50 sheets 41(a)(1)(0	nd drawings ex application size all entity) for ea or fraction ther 3) and 37 CFR	e fee due ach reof. See					•
MUL	TIPLE DEPENDE	NT CLAIM PRESE	ENT (37 CF	R 1.16(j))		L		-	TOTAL	
•	APPLI	ICATION AS A	MENDE	D - PART II						
	·	(Column 1) CLAIMS		(Column 2)	(Column 3)		ENTITY ADDI-	OR	SMALL	R THAN ENTITY ADDI-
A T				(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	SMALL RATE (\$)	ADDI- TIONAL FEE (\$)	OR		
	Total (37 OFR 1.16())	CLAIMS REMAINING AFTER AMENDMENT	Minus	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		ADDI- TIONAL FEE (\$)	OR OR	SMALL RATE (\$)	ADDI- TIONAL FEE (\$)
	Total profer.te(n) independent profer.te(n))	CLAIMS REMAINING AFTER		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDI- TIONAL FEE (\$)		SMALL RATE (\$)	ADDI- TIONAL FEE (\$)
ENDMENT	(37 OFR 1.16(i)) Independent (37 OFR 1.16(h))	CLAIMS REMAINING AFTER AMENDMENT	Minus Minus	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDI- TIONAL FEE (\$)	OR	SMALL RATE (\$)	ADDI- TIONAL FEE (\$)
	(37 OFR 1.16(i)) Independent (37 OFR 1.16(h)) Application Size	CLAIMS REMAINING AFTER AMENDMENT	Minus Minus 6(s))	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR "25"	PRESENT EXTRA	x = x =	ADDI- TIONAL FEE (\$)	OR	SMALL RATE (\$) X = X 200 =	ADDI- TIONAL FEE (\$)
ENDMENT	(37 OFR 1.16(i)) Independent (37 OFR 1.16(h)) Application Size	CLAIMS REMAINING AFTER AMENDMENT Fee (37 CFR 1.1	Minus Minus 6(s))	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR "25"	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)	OR OR	SMALL RATE (\$)	ADDI- TIONAL FEE (\$)
ENDMENT	(37 OFR 1.16(i)) Independent (37 OFR 1.16(h)) Application Size	CLAIMS REMAINING AFTER AMENDMENT Fee (37 CFR 1.1)	Minus Minus 6(s))	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR "25"	PRESENT EXTRA	RATE (\$) X = X =	ADDITIONAL FEE (\$)	OR OR	SMALL RATE (\$) X = X ZOO =	ADDITIONAL FEE (\$)
T B AMENDMENT	(37 OFR 1.16(i)) Independent (37 OFR 1.16(h)) Application Size	CLAIMS REMAINING AFTER AMENDMENT Fee (37 CFR 1.1 ATION OF MULTIPLE (Column 1) CLAIMS REMAINING AFTER	Minus Minus 6(s))	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR "25" "3	PRESENT EXTRA = R 1.16(j))	RATE (\$) X = X =	ADDITIONAL FEE (\$)	OR OR OR	SMALL RATE (\$) X = X ZOO =	ADDITIONAL FEE (\$)
ENT B AMENDMENT	p7 CFR (.16(i)) Independent (p7 CFR (.16(ii))) Application Size FIRST PRESENT.	CLAIMS REMAINING AFTER AMENDMENT Fee (37 CFR 1.1 ATION OF MULTIPLE (Column 1) CLAIMS REMAINING	Minus Minus 6(s))	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR "25" TO CLAIM (37 CF) (Column 2) HIGHEST NUMBER PREVIOUSLY	PRESENT EXTRA = R 1.16(j)) (Column 3) PRESENT	X = X = TOTAL ADD'L FEE	ADDI- TIONAL FEE (\$) ADDI- TIONAL	OR OR OR	SMALL RATE (\$) X = X 2000 = TOTAL ADD'L FEE	ADDITIONAL FEE (\$) ADDITIONAL FEE (\$)
ENT B AMENDMENT	pz GFR (.16(i)) Independent (pz GFR (.16(ii)) Application Size FIRST PRESENT.	CLAIMS REMAINING AFTER AMENDMENT Fee (37 CFR 1.1 ATION OF MULTIPLE (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus Minus 6(s)) E DEPENDE	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR "25" "35" NT CLAIM (37 CF (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA = R 1.16(j)) (Column 3) PRESENT EXTRA	X = X TOTAL ADD'L FEE	ADDITIONAL FEE (\$) ADDITIONAL FEE (\$)	OR OR OR	SMALL RATE (\$) X = X 200 = TOTAL ADD'L FEE	ADDITIONAL FEE (\$) ADDITIONAL FEE (\$)
ENT B AMENDMENT	az ofr (.16(i)) Independent (az ofr (.16(ii))) Application Size FIRST PRESENT. Total (az ofr (.16(ii))) Independent (az ofr (.16(ii)))	CLAIMS REMAINING AFTER AMENDMENT Fee (37 CFR 1.1 ATION OF MULTIPLE (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus Minus 6(s)) E DEPENDE Minus Minus	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR "25" NT CLAIM (37 CF (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA = R 1.16(j)) (Column 3) PRESENT EXTRA	X = X TOTAL ADD'L FEE	ADDI- TIONAL FEE (\$) ADDI- TIONAL FEE (\$)	OR OR OR	SMALL RATE (\$) X = X ZOXO = TOTAL ADD'L FEE RATE (\$) X =	ADDITIONAL FEE (\$) ADDITIONAL FEE (\$)
T B AMENDMENT	p7 CFR 1.16(i) Independent (p7 CFR 1.16(h)) Application Size FIRST PRESENT. Total (p7 CFR 1.16(ii)) Independent (p7 CFR 1.16(ii)) Application Size	CLAIMS REMAINING AFTER AMENDMENT Fee (37 CFR 1.1 ATION OF MULTIPLE (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus Minus 6(s)) E DEPENDE Minus Minus 16(s))	(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR TO STANDARD TO STAN	PRESENT EXTRA =	X = X TOTAL ADD'L FEE	ADDI- TIONAL FEE (\$) ADDI- TIONAL FEE (\$)	OR OR OR	SMALL RATE (\$) X = X ZOXO = TOTAL ADD'L FEE RATE (\$) X =	ADDITIONAL FEE (\$) ADDITIONAL FEE (\$)

*** If the "Highest Number Previously Paid For" (Notal or independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, useful of the useful of useful